

Deng 113556

IN THE UNITED STATES
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Patent Application

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| Inventor(s) | Mei Deng Peter Dollard Z Ma | Case Name | Deng 113556 |
| Filing Date | 10/21/1999 | Serial No. | 09/425,151 |
| Examiner | Chirag G. Shah | Group Art Unit | 2664 |
| Title | Local Information-based Restoration Architecture | | |

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231
SIR:

AMENDMENT

In response to an Office action dated March 27, 2003, please amend the above-identified application as follows:

IN THE CLAIMS:

1. (Original) A communication network that includes nodes and link bundles that interconnect said nodes, where said link bundles are carried over physical spans of transmission facilities, the improvement in each of said nodes comprising:

a processing module that determines, with respect to each link bundle to which the node of said processing module is connected, whether said node of said processing module is

a control node, where a control node is a node that triggers rerouting in response to a failure indication associated with said link bundle, or is a backup node, where a backup node is a node that triggers rerouting in response to a failure indication associated with said link bundle when said control node is unresponsive.

2. (Original) The network of claim 1 where each of said nodes further comprises a communication module that receives status information from nodes connected to said